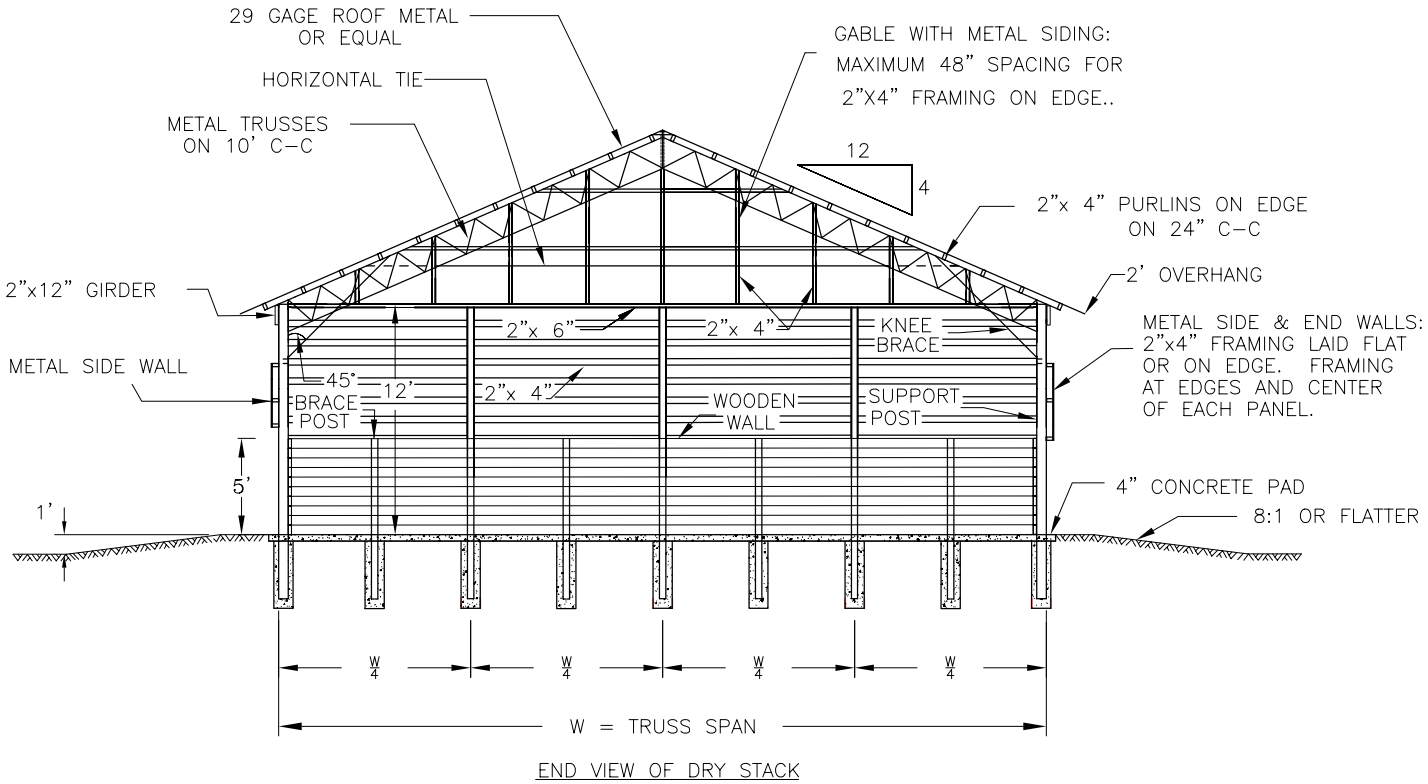
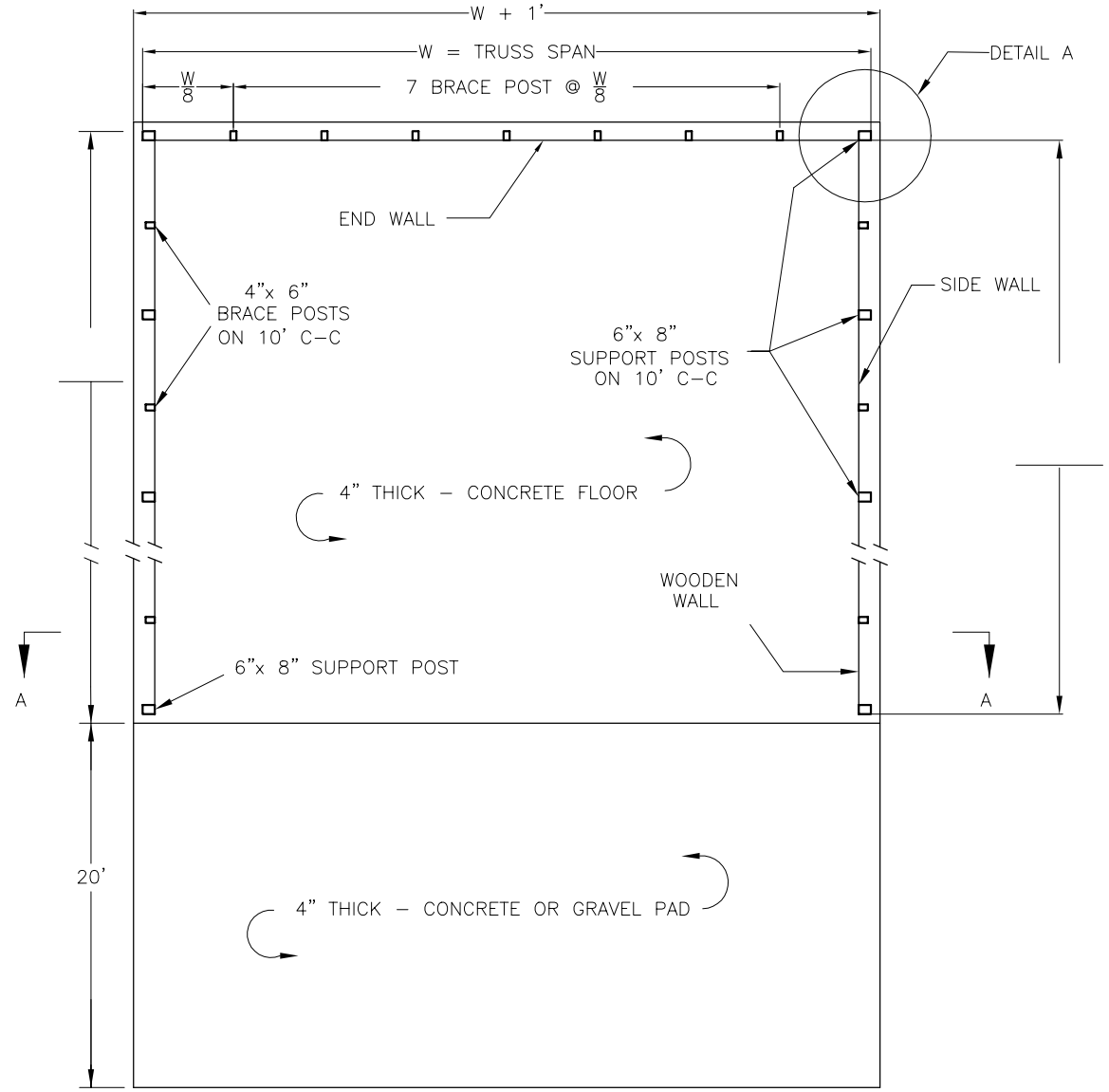
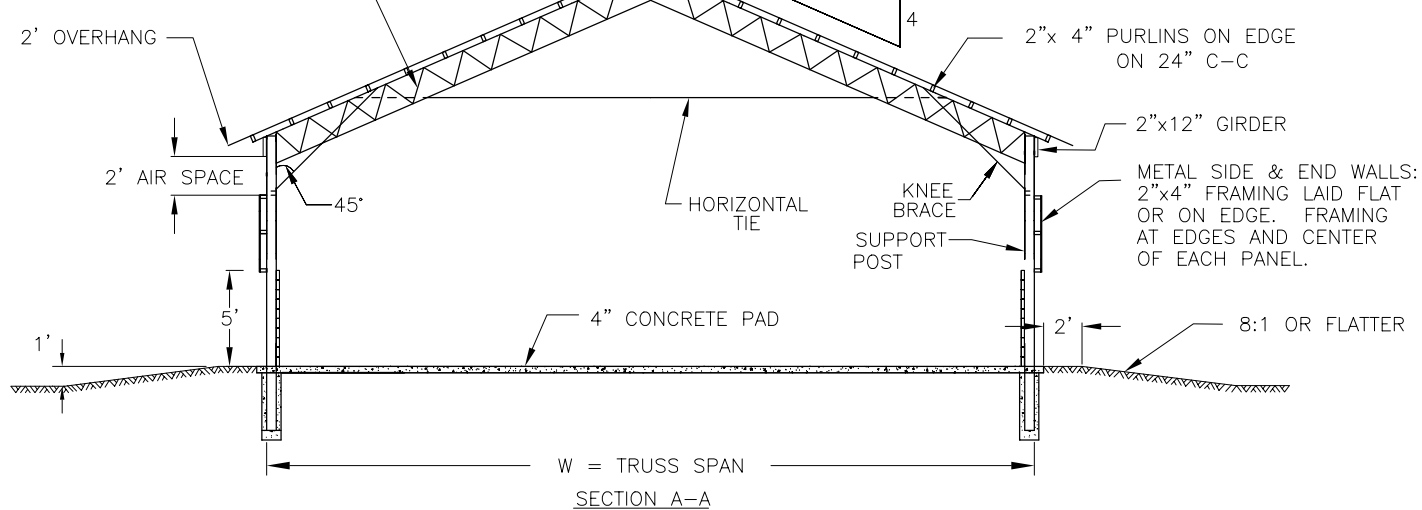
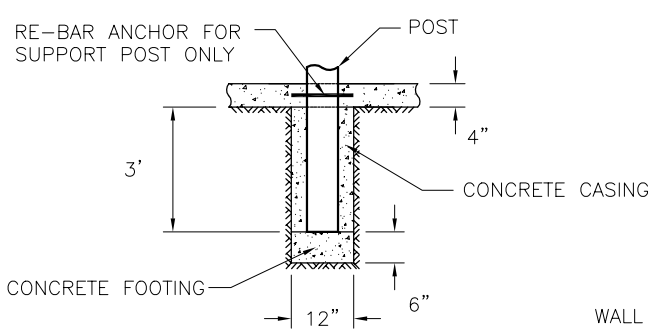


END VIEW OF DRY STACK

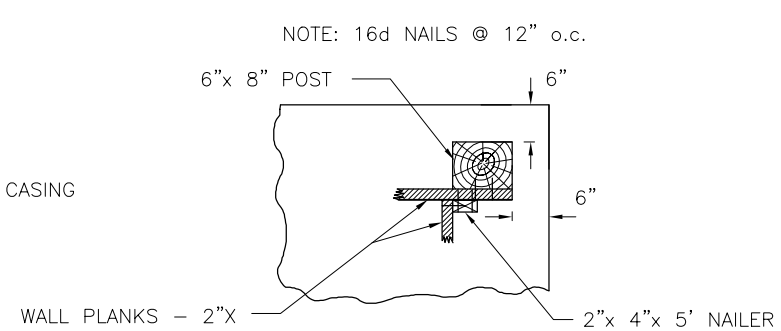




SECTION A–A



POST EMBEDMENT DETAIL
NOT TO SCALE:



DETAIL A
N.T.S.

NOTES:

THIS DRAWING DOES NOT APPLY TO NORTHWEST TEXAS BOUND BY IH20 ON THE SOUTH AND IH35 ON THE EAST.

DIMENSIONS SHOWN ARE FOR TRUSS SPANS 50 FEET AND LESS, MEASURED TO THE OUTSIDE OF SUPPORT POST.

SITE PREPARATION PRIOR TO CONSTRUCTION SHALL INCLUDE FOUNDATION STRIPPING, CONSTRUCTION OF A PAD WITH A MIN. 1' THICKNESS AND 2' EXTENSION BEYOND THE LIMITS OF THE CONCRETE SLAB AND 8:1 SIDE SLOPES OR FLATTER AWAY FROM THE DRY STACK BUILDING. COMPACTION FOR THE PAD WILL BE SPECIFIED BY THE NRCS TECHNICAL REPRESENTATIVE BEFORE CONSTRUCTION STARTS.

ALL LUMBER SHALL BE NO. 2 SOUTHERN PINE, PRESSURED TREATED. PRESERVATIVE RETENTION RATE SHALL BE 0.6 PCF FOR POST AND 0.4 PCF FOR WALL LUMBER.

THE POST SHALL EXTEND A MINIMUM OF 1' INTO ROCK OR 3' INTO SOIL. IF THE POST DO NOT EXTEND INTO ROCK, A CONCRETE FOOTING SHALL BE USED UNDER THE POST. SEE DETAIL OF POST EMBEDMENT. THE GREATER DIMENSION OF THE SUPPORT POST SHALL BE PERPENDICULAR TO THE SIDE WALLS AND THE BRACE POST PERPENDICULAR TO THE WALLS BRACED. EACH SUPPORT POST SHALL BE ANCHORED TO THE CONCRETE FLOOR WITH A MIN. 12" NO. 3 RE–BAR. THE BAR SHALL BE PLACED THROUGH THE CENTER OF THE POST PARALLEL TO THE WALL AT THE CENTER THICKNESS OF THE CONCRETE FLOOR. SEE POST EMBEDMENT DETAIL.

THIS BUILDING SHALL NOT BE MODIFIED BY ADDING ADDITIONAL STRUCTURES OR CHANGING THE DIMENSIONS.

THERE SHALL BE A 2–FOOT AIR SPACE PROVIDED BETWEEN THE TOP OF THE WALL AND GIRDER.

THE METAL ROOF SHALL HAVE A MIN. 2' OVERHANG ON SIDES.

ALL NAILS, BOLTS, NUTS AND WASHERS, WHICH WILL BE IN CONTACT WITH WASTE MATERIALS SHALL BE GALVANIZED.

TRUSSES INCLUDING KNEE BRACES AND HORIZONTAL TIES SHALL BE DESIGNED FOR APPROPRIATE WIND, LIVE AND DEAD LOADS BY A REGISTERED PROFESSIONAL ENGINEER FROM THE STATE OF TEXAS AND SHALL BE INSTALLED AS DESIGNED.

THE CONCRETE PAD SHALL EXTEND 6" OUTSIDE ALL POST. CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. THE CONCRETE SHALL BE REINFORCED WITH EITHER 6"X6" – 10/10 WELDED WIRE FABRIC OR FIBER REINFORCEMENT AT A RATE OF 1.5 LBS./CY. EXPANSION JOINTS SHALL BE REQUIRED AT 30' SPACING BOTH DIRECTION FOR WIRE FABRIC AND 15' SPACING BOTH DIRECTION FOR FIBER REINFORCEMENT. THE EXPANSION JOINTS MAY BE GROOVE TOOLED INTO THE FRESH CONCRETE A MIN. OF ONE QUARTER OF THE SLAB THICKNESS.

DESIGNED BY: J. WALKER
DRAWN BY: B.T. STREET
APPROVED BY: JWM
FILE NAME: Dry Stack–Concrete.dwg
DATE PLOTTED: 6/02

DRY STACK LITTER STORAGE BUILDING FOR TRUSS SPANS 50' AND LESS AND CONCRETE FLOOR PLAN, ELEVATION AND DETAILS

IN _____ COUNTY, TEXAS

USDA NRCS Natural Resources Conservation Service

REVISIONS	DATE

DRAWING NO. TX–EN–0425

SHEET 1